AMENDMENTS TO THE SPECIFICATION

Please replace the paragraph beginning at page 5, line 34 as follows (Note that the paragraph as presented below incorporates the amendments made in the previous response):

According to the present invention, the prior art disadvantages are avoided with a resonant arrangement for a linear compressor that comprises at least one spring means presenting an elongated tubular body 60, which is coaxial to the axis of the piston 2 and has an end 61 operatively coupled to the actuating means 3, and an opposite end 62 operatively coupled to the non-resonant assembly, said tubular body 60 having at least part of its extension folded in circumferential ~~sectors~~ gores 63 that are symmetric in relation to the axis of said tubular body 60, and for example, orthogonal to the axis of the piston 2, each circumferential ~~sector~~ gore 63 being elastically deformed in the axial direction upon the displacement of piston 2.

According to a way of carrying out the present invention, the circumferential sectors 63 present the same cross section profile, for example a substantially "V" shaped profile, such as illustrated in FIG. 5, or a substantially "U" shaped profile.

In the construction illustrated in which the circumferential sector 63 has a "V" shaped profile, the elastic deformation of each said circumferential sector 63 upon displacement of the piston occurs by variation of its respective dihedral angle.

Although in the illustrated constructive alternative the circumferential sectors 63 present the same dihedral angle, it should be understood that the solutions in which the circumferential sectors 63 present different cross section profiles along the longitudinal extension of the tubular body 60 and different dihedral angles to said circumferential sectors 63 are also possible.